Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1205717

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34592
Name: Kansas Resource Exploration & Development, LLC
Address 1: 9393 W 110TH ST, STE 500
Address 2:
City: OVERLAND PARK State: KS Zip: 66210 + ____
Contact Person: Bradley Kramer
Phone: (913) 451-6758
CONTRACTOR: License # 8509
Name: Evans Energy Development, Inc.
Wellsite Geologist: Bradley Kramer
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☑ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

5/7/2014	5/8/2014	5/14/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-30340-00-00
Spot Description:
__ - E2 - SW - SW Sec. 13 Twp. 17 S. R. 22 ☑ East ☐ West
660 Feet from ☐ North / ☑ South Line of Section
4290 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Miami
Lease Name: Joeckel Well #: KRI-45
Field Name:
Producing Formation: Cattleman
Elevation: Ground: 980 Kelly Bushing: 980
Total Vertical Depth: 774 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 23 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 774
feet depth to: 0 w/ 105 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 200 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

☐ **Confidentiality Requested**
Date:
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Deanna Garrison **Date:** 05/23/2014

[redacted] 1205717

Operator Name: Kansas Resource Exploration & Development, LLC Lease Name: Joeckel Well #: KRI-45

Sec. 13 Twp. 17 S. R. 22 ☑ East ☐ West County: Miami

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Gamma Ray/Neutron/CCL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Cattleman	670	-310

CASING RECORD ☐ New ☑ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9.875	7	14	22.7	Portland	6	
Longstring	5.875	2.875	6.5	764.25	50/50 POZ	105	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
3	670-687		

TUBING RECORD: Size: 1 Set At: 764.25 Packer At: Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 5/14/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☑ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
670
687

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CONSOLIDATED
Oil Well Services, LLC

268013

TICKET NUMBER 47140
LOCATION Ottawa
FOREMAN Alan Mader

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5.8.14	4448	Joeckel KRI-45	SW 13	17	22	MI

CUSTOMER: Kansas Resources E&D
MAILING ADDRESS: 9393 W 110th
CITY: Overland Park | STATE: KS | ZIP CODE: 66210

TRUCK #	DRIVER	TRUCK #	DRIVER
730	Ala Mad	Safety	Meet
368	Brd McD		
369	Mik Hog		
503	Gar Mac		

JOB TYPE Longstring | HOLE SIZE 5 7/8 | HOLE DEPTH 774 | CASING SIZE & WEIGHT 2 7/8
CASING DEPTH 764.25 | DRILL PIPE | TUBING | OTHER 6 F. 730.90
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING yes
DISPLACEMENT 4.25 | DISPLACEMENT PSI 800 | MIX PSI 200 | RATE 4 bpm

REMARKS: Held meeting Established rate. Mixed & pumped 100# gel followed by 105 sk 50/50 cement plus 2% gel & 1/2# Phenoseal. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set float.

Evans Mitchell

Alan Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368		1085.00
5406	25	MILEAGE	368		105.00
5406	764.25	casing footage	368		—
5407	1/2 min	ton miles	503		184.00
5502C	1 1/2	80 vac	369		150.00
1124	105	50/50 cement		1207.50	
1118B	276#	gel		60.72	
1107A	53#	Phenoseal		71.55	
		material sub		1339.77	
		Less 30%		-401.93	
		material total			937.84
4402	1	2 1/2 plug			29.52
				completed	
				2998.02	
				SALES TAX	74.00
				ESTIMATED TOTAL	2565.36

Ravin 3737

NO Company Rep

AUTHORIZTION Jim OK'd TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this

EVANS ENERGY DEVELOPMENT INC.
11 Lewis Drive Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083
Fax: 913-557-9084

WELL LOG

Kansas Resource Exploration & Development, LLC
Joeckel #KRI-45
API # 15-121-30,340
May 7 - May 8, 2014

Thickness of Strata	Formation	Total	
6	soil & clay	6	
74	shale	80	
23	lime	103	
10	shale	113	
5	lime	118	
37	shale	155	
14	lime	169	
12	shale	181	
12	lime	193	
2	shale	195	
11	lime	206	
7	shale	213	
19	lime	232	
4	shale	236	
17	lime	253	base of the Kansas City
146	shale	399	
1	limey sand	400	hard, ok bleeding
1	broken sand	401	80% shale 20% sand light bleeding
3	limey sand	404	
5	broken sand	409	60% sand 40% shale ok bleeding
2	limey sand	411	no bleeding
6	broken sand	417	95% brown sand 5% shale good bleeding
3	limey sand	420	hard, light bleeding
2	oil sand	422	good bleeding
2	oil sand	424	hard, good bleeding
14	shale	438	
4	lime	442	
1	shale	443	
7	lime	450	some porosity, good bleeding
2	lime	452	lots of porosity, great bleeding
8	lime	460	no oil
20	shale	480	
6	lime	486	
16	shale	502	
4	lime	506	
14	shale	520	
5	lime	525	
16	shale	541	
3	lime	544	
33	shale	577	
1	lime	578	

2	shale	580	
3	lime/shale	583	
9	shale	592	
6	silty shale	598	
9	broken sand	607	90% brown sand 10% shale, light bleeding, gassy
4	sand	611	light brown, no show
21	sand	632	dark brown & grey, no show makes water
3	broken sand	635	brown sand & shale
1	coal	636	
16	shale	652	
3	broken sand	655	60% brown sand 40% shale, light bleeding
8	silty shale	663	
7	shale	670	
9	oil sand	679	brown sand, ok bleeding
9	oil sand	688	brown sand, good bleeding
2	limey sand	690	limey black sand, very good bleeding
3	shale	693	
1	coal	694	
80	shale	774	TD

Drilled a 9 7/8" hole to 22.7'
Drilled a 5 5/8" hole to 774'

Set 22.7' of 7" surface casing cemented with 6 sacks of cement

Set 754.25' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe, 1 clamp and 1 baffle.
Baffle set 33.3' from bottom of tally.

Core Times

	Minutes	Seconds
672		47
6773		43
674		40
675		28
676		31
677		39
678		39
679		42
680		39
681		31
682		35
683		36
684		38
685		35
686		47
687		36
688		42
689	1	4
690		45
691		34